

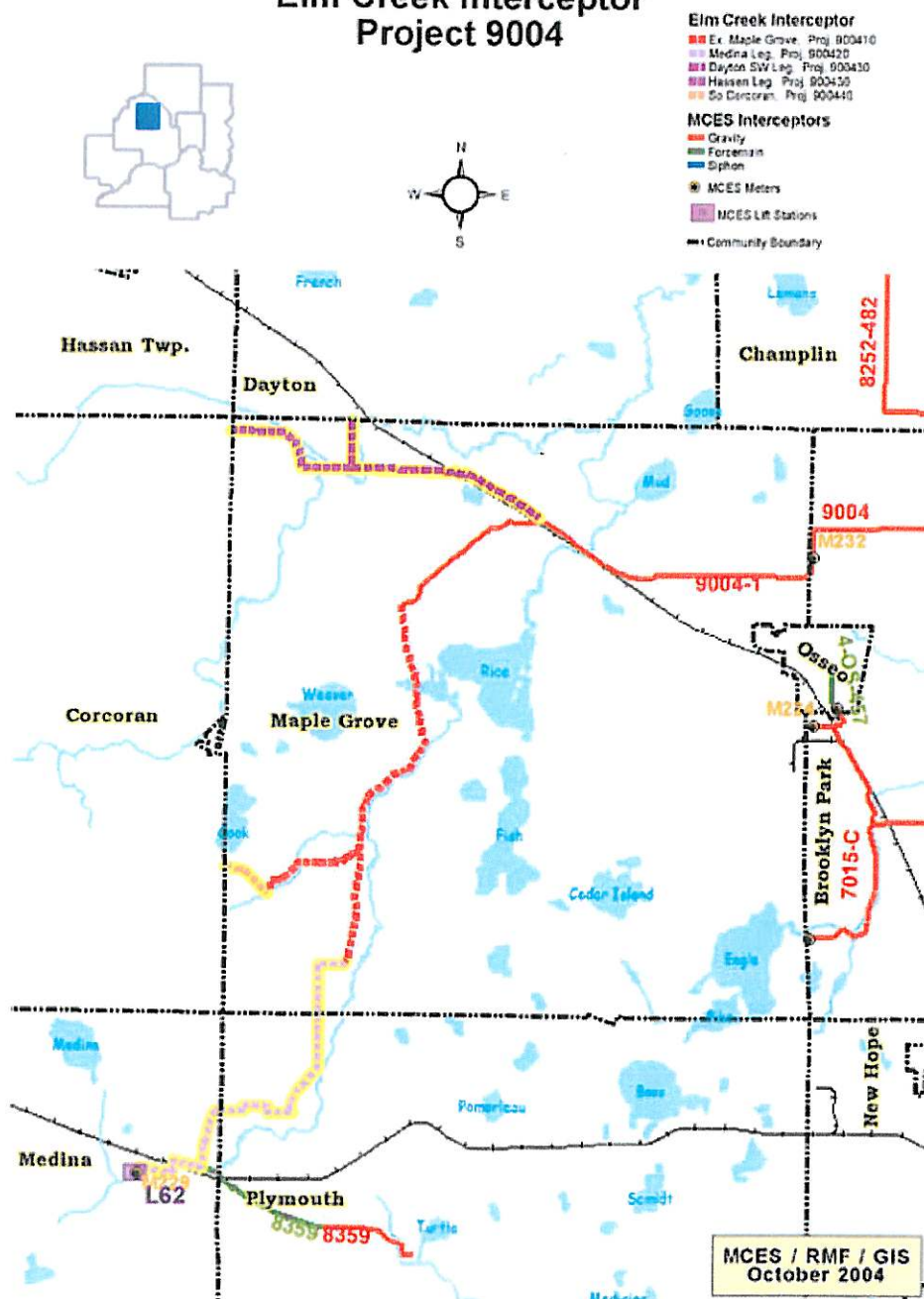
## Elm Creek Interceptor Dayton-Hassan Extension

### *Project Fact Sheet, 9/20/06 Update*

<b>Project Summary</b>	<p>In accordance with the approved Metropolitan Council's Elm Creek Interceptor Facility Plan and municipal Comprehensive Plans, the Metropolitan Council prepared a Design Report for the Dayton-Hassan Extension to the Elm Creek Sanitary Sewer Interceptor. The Dayton-Hassan Extension will be located in northwest Maple Grove, providing sewer service to a portion of Corcoran, southwest Dayton, a portion of northwest Dayton, southeast Hassan Township, and northwest Maple Grove.</p> <p>Construction of Phase 1 began in September 2006. Design of Phase 2 will proceed upon the Council and local stakeholders determining a route for the western section of the interceptor extending to County Road 101 (Brockton Lane).</p>
<b>Interceptor Alignment</b>	<p>Phase 1 of the new interceptor extension, which will convey wastewater by gravity, will extend westward from the existing Elm Creek Interceptor along the north side of County Road 81 west of Fernbrook Lane (see "Dayton-Hassan Phase 1 Construction Alignments" map). East of Ranchview Lane, the interceptor will cross under County Road 81 then continue along the south side of County Road 81 to Ranchview Lane. From there, the interceptor will proceed due west along 105<sup>th</sup> Avenue North, cross under Interstate 94, then continue westward to about one-quarter mile east of Troy Lane. At this point, Phase 2 of the interceptor will extend westward, following one of two potential alignments currently under consideration before terminating at County Road 101 (Brockton Lane) near the Corcoran/Hassan Township border. Service to Dayton will be provided during Phase 1 construction by a branch extending from the intersection of 105<sup>th</sup> Avenue North and Holly Lane, and going north along Holly Lane approximately two-thirds of a mile.</p>
<b>Project Timeline</b>	<p>Construction, Phase 1: Start in September 2006; complete by April 2008.</p> <p>Construction, Phase 2: Planned for 2008-2009.</p>
<b>Project Team</b>	<p>Project Sponsor: Metropolitan Council Environmental Services</p> <p>Engineering: Bonestroo Rosene Anderlik &amp; Associates</p> <p>General Contractor for Phase 1: Barbarossa &amp; Sons</p>
<b>Contact Person</b>	<p>Tim O'Donnell, Sr. Information Coordinator</p> <p>Metropolitan Council Environmental Services, 390 Robert St. N., St. Paul, MN 55101-1805 651-602-1269 or <a href="mailto:tim.odonnell@metc.state.mn.us">tim.odonnell@metc.state.mn.us</a></p>

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## Elm Creek Interceptor Project 9004


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## 2007 - 2016 Capital Improvement Program

### Project #9004, Elm Creek Interceptor

#### Description:

Metropolitan Council has completed 12 miles of the main stem of the Elm Creek Interceptor. Eight of those miles extend from the CAB Interceptor in Brooklyn Park (Regent Ave) westerly to I-94 and CSAH 30 in Maple Grove (Phases I & II and Trench Sheetting). The other 4 miles are located between Elm Road in southern Maple Grove to Hamel in the City of Medina (Medina Leg). The City of Maple Grove has constructed 4.5 miles of the main stem linking these two Council interceptor segments, between I-94 southwesterly to Elm Road. Another 1-1/4 miles of a future branch to southeast Corcoran was constructed by Maple Grove. The Council will eventually acquire ownership of those sewers from the City.

#### Project Map



In addition to the above completed projects, in 2005 relocation began of approximately 7,000 feet of the Elm Creek Interceptor along with 3,900 feet of the new Dayton-Hassan extension in coordination with MnDOT's work along CSAH 81. The relocation resulted from the MnDOT re-design of the realignment of CSAH 81 in Maple Grove for the future interchange with TH 610. This interceptor project will be completed in 2007.

A facility planning update for future branches of the Elm Creek Interceptor and alternatives for wastewater service to northwest Hennepin County was completed in 2002. The recommendations of this study call for gravity branches of the Elm Creek Interceptor to be extended to southwest Dayton and northeast Corcoran and a separate branch to southeast Corcoran. As flows from the Elm Creek Interceptor increase, the receiving CAB Interceptor will need a gravity diversion interceptor tunneled from Brooklyn Park, under the Mississippi River, to an existing interceptor in Fridley. The developing areas of the City of Rogers and Hassan Township are proposed to be handled by a Council-owned wastewater treatment plant in that area. Northern Dayton is planned to be served by a branch to be extended from the CAB Interceptor in Champlin, which is designated as the Dayton-Champlin Interceptor.

The design of the South Corcoran and Dayton-Hassan extensions began in 2003. Construction of the South Corcoran Extension, and Dayton-Hassan Extension began in 2006 and be completed in 2008. The remainder of the Dayton-Hassan extension, with service to northeast Corcoran and southern Hassan Township, is scheduled for completion in 2009.

#### Purpose and Justification:

The interceptor and its branches are needed to serve planned growth in the Elm Creek watershed, while maximizing the use of available capacity in the Council's interceptor system and Metropolitan Treatment Plant. Future growth beyond the capacity of the interceptor system is proposed to be handled by the Northwest Interceptor Improvements and in the long-term, the future proposed Crow River WWTP.

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#### Project Authorization:

	Project Schedule		Authorizations	
	Start	End	Funding	Status
Prelim. Engr.	Jan-90	Sep-02	\$700,000	Approved
Design	Dec-94	Dec-05	\$15,800,000	Approved
Construction	Mar-98	Dec-09	\$55,500,000	Approved
Prior Authorization:			\$70,000,000	
2007 Budget Adjustment:			\$2,000,000	

**Total 2007 Authorization:** **\$72,000,000**

**Future Authorizations:** **\$0**

**Total Project Cost:** **\$72,000,000**

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**Projected Cash Flow:**

	Authorized	Future	Total
Prior to 2007	\$51,238,000	\$0	\$51,238,000
2007 Budget	10,000,000	0	10,000,000
2008	8,000,000	0	8,000,000
2009	2,500,000	0	2,500,000
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
Post-2016	0	0	0
Contingency	262,000	0	262,000
<b>Totals</b>	<b>\$72,000,000</b>	<b>\$0</b>	<b>\$72,000,000</b>

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**Impact on O&M Costs:**

Gravity system will increase O & M costs very little.

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